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Stated Meeting, February 7th, 1873.

Present, 16 members.

Vice-President, Prof. CRESSON, in the Chair.

Letters accepting membership were received from Dr. W. Pemberton, dated Philadelphia, Jan. 21; Mr. Frazer, dated Camden, Jan. 22; Mr. A. H. Spofford, dated Washington, D. C., Jan. 27; Mr. Rothermel, dated Philadelphia, Jan. 27, 1873.

A Photograph of the late Mr. Eckfeldt was presented for insertion in the Album.

A letter acknowledging the receipt of a long-delayed diploma of membership was received from Mr. Prestwich, dated Shoreham, near Seven Oakes, England, Jan. 11th, 1873.

Letters acknowledging the receipt of A. P. S. publications were received from Prof. Hyrtl, Nov. 1, 1872 (85); the Prague Observatory, Sept. 2, 1872 (86); the Lyons Agricultural Society, Sept. 20, 1872 (73-85, desiring, in addition, 1-72). On motion, the Librarian was authorized to furnish the A. and N. H. Society with Nos. 1-72 so far as the stock permits.

No. 89 of the Proceedings was laid on the table.

Donations for the Library were reported from the St. Petersburg, Prague, and Radcliffe Observatories, the Academies at Berlin and Philadelphia, the Societies at Marburg, Dresden, and Lyons, the Geographical Societies at Paris and London, the Anthropological Society at Paris, the R. Astronomical Society at London, London Nature, *Revue Politique*, *Journal of Applied Sciences*, *Silliman's Journal*, *Cornell Era*, *Medical News*, *Journal of Pharmacy*, U. S. *Pharmacopœia*, *Penn Monthly*, *New York State Library*, Prof. O. C. Marsh, Dr. Jos. Carson, Dr. Rushenberger, the Franklin Institute, U. S. Chief of Engineers, Wisconsin Historical Society, and Mr. Jos. A. Gebow, of Green River City, Wyoming Territory.

The decease of the Rev. Adam Sedgwick, at Cambridge, England, Jan. 28, aged 88, was announced by the Secretary.

The decease of M. F. A. Pouchet, at Rouen, Dec. 6th, 1872, aged 74, was announced by the Secretary.

The decease of Mr. Joshua Francis Fisher, at Philadelphia, January 21st, 1873, aged 68, was announced by Mr. Cresson.

Prof. Cope communicated a note on two new Perissodactyles, from Wyoming Territory.

Dr. Horn communicated a paper on the Classification of Coleoptera, by G. R. Crotch, M.A.

Prof. Chase communicated some newly-observed mathematical relationships between the orbits of the planets.

Dr. Cresson exhibited a graduated condenser for the spectroscope, in which the condensation surface is enlarged or diminished gradually and easily, instead of in large increments or decrements.

Dr. Allen described some of the results of his investigations into the fundamental types of Aztec and other pictorial writing, and followed the type forms in their course through various and curious modifications, resulting in otherwise unintelligible figures. He illustrated the process of change by the Crotaloid curve (rattlesnake mouth), the rattlesnake rattle, the full-face and profile human skull, the human figure, &c., reduced in one direction to their simplest linear elements, and in the other developed into bizarre combinations.

Dr. Goodwin spoke of the value of such researches, in which the principles of organic change, studied by comparative zoologists, are applied to the morphology of literature.

Dr. Brinton added his testimony to the novelty and importance of Dr. Allen's researches, and gave instances to illustrate both its necessity and its difficulty. He believed that Dr. Allen had discovered the true method of explaining the American picture-writing.

The meeting was then adjourned.